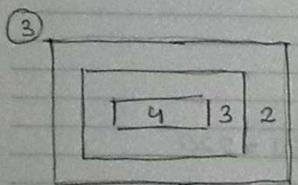
LISTA 02 - PROBABILIDADE 1

(1) 2 1/3 2 1 1 P2 F2 F3 F4 P2

Pn Pm = P2 · P4= 2141= 2.1.4.3.2.1=48

2) 8 2 6 5 4 L₁ L₂ L₃ L₄ L₅

 $A_{n,p} = \frac{n!}{(n-p)!} = \frac{8}{(8-5)!} = \frac{8 \cdot 7 \cdot 65 \cdot 43!}{3!} = 6.720$



An, $p = \frac{n_1}{(n-p)!} = \frac{y_1}{(y_1-3)!} = \frac{y_1}{y_1} = \frac{y_1}{y_1}$

 $G_{n,p}=\frac{n!}{(n-p)p!}=\frac{11!}{(11-4)!}=\frac{11\cdot 10\cdot 9\cdot 8\cdot 7!=330}{7!\cdot 4!}$

 $C_{m,f} = m_1 = 71 = 76.541 = 35$ (m-f)(f) = (7-3)(3) = 4(3)

Cn, p Cm, p = 850 35 = 11550

$$C_{10}^{\dagger}, u = 10$$
 = $10.98.7.6$ = 210

$$C_{6,2}^{2} = \frac{6!}{(6-2)!2!} = \frac{6.52!}{11.2!} = 15$$

$$\frac{3}{G} \cdot \frac{70}{Z} \cdot \frac{210}{H} \cdot \frac{15}{A} = 661.500$$

$$C_{12,3} = 121 = 12.11.10.91 = 220$$

$$(12-3)|3| \qquad 9! \quad 3!$$

$$\Delta_{15,2} = 151 = 15 \cdot 14 \cdot 131 = 210$$

$$(15-2)! = 13!$$

$$A_{n,p} = \frac{h_1}{(h-p)!} = \frac{81}{(8-6)!} = \frac{81}{21} = \frac{87.65}{21} = \frac{20.160}{21}$$

$$\Delta_{n, p} = \frac{n_1}{(n-p)!} = \frac{10!}{(10-6)!} = \frac{10.9.876.5}{4!} = \frac{151200}{4!}$$

$$\Delta_{n,p} = \frac{n!}{(n-p)!} = \frac{10!}{(10-ii)!} = \frac{10.9376!}{6!} = 5.040$$